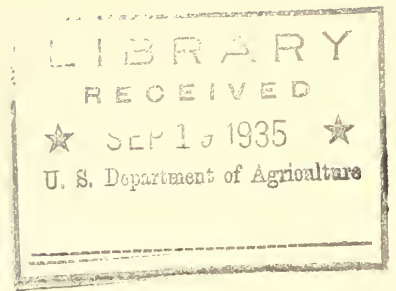


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A BRIEF METEOROLOGICAL SUMMARY

By W. C. Haines and George Grimminger

Byrd Antarctic Expedition II, 1933-1935

Little America, Antarctica.

FEBRUARY, 1934

Date	Temperature			Barometer		Char- acter of day	Wind		Wind	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.	15	- 8	4			Pt. Cl dy				
11.	11	- 3	4			Pt. Cl dy				
12.	13	0	6	29.64	29.55	Pt. Cl dy	SE	18.7	SE	30
13.	13	- 8	2	29.54	29.50	Pt. Cl dy	SW	10.6	SE	28
14.	17	6	12	29.45	29.37	Cloudy	SE	14.6	SE	28
15.	9	-16	- 4	29.30	29.24	Pt. Cl dy	S	6.9	SW	22
16.	- 2	-18	-10	29.20	29.23	Clear	W	9.9	W	16
17.	4	-20	- 8	29.22	29.22	Cloudy	E	10.2	E	19
18.	9	- 6	2	29.20	29.35	Pt. Cl dy	SW	14.4	SW	27
19.	12	- 8	2	29.50	29.39	Pt. Cl dy	SE	17.7	SE	34
20.	11	4	8	29.27	29.20	Pt. Cl dy	SE	23.7	SE	32
21.	11	1	6	29.18	29.08	Clear	SE	20.4	SE	38
22.	4	-18	- 7	29.06	29.00	Clear	S	5.6	SE	18
23.	0	-24	-12	29.19	29.40	Clear	S	3.0	S	8
24.	-14	-26	-20	29.57	29.57	Clear	SW	5.1	S	10
25.	-11	-28	-20	29.47	29.36	Cloudy	S	3.3	S	8
26.	1	-18	- 8	29.33	29.31	Cloudy	E	10.0	E	19
27.	6	- 1	2	29.36	29.28	Cloudy	E	18.0	E	23
28.	9	- 4	2	29.15	29.04	Pt. Cl dy	E	18.0	SE	26
29.										
30.										
31.										

Means	6.2	-10.3	-2.0	29.331	29.298	Highest #	SE	23.7	SE	38
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Ø for 19 days. # for 17 days. Prevailing wind direction for last 17 days of month is southeast; average velocity 12.4 miles per hour.

Snow: 9, 15, 26, 27.

Light drift: 12, 13, 18, 20, 26, 27.

Moderate drift: 19.

Fog: 25.

Solar Halo: 9, 13, 14, 15, 19, 24, 28.

MARCH, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	3	-15	- 6	29.02	29.09	Cloudy	S	5.6	SE	17
2.	11	-20	- 4	29.16	28.98	Cloudy	E	16.0	E	32
3.	18	- 5	- 6	28.70	28.90	Pt.Cldy	SE	15.5	SE	28
4.	23	-18	2	29.31	29.27	Cloudy	NW	13.7	NW	25
5.	25	8	16	29.32	29.23	Cloudy	N	13.8	N	22
6.	14	-29	- 8	29.13	29.08	Cloudy	E	14.1	SW	28
7.	18	-30	- 6	29.39	29.34	Cloudy	SW	18.3	NE	37
8.	29	8	18	29.19	28.89	Cloudy	NE	25.5	NE	42
9.	8	- 7	0	28.87	28.95	Cloudy	SW	18.9	SW	30
10.	6	-16	- 5	29.13	29.38	Clear	NE	12.3	E	24
11.	10	- 7	2	29.43	29.08	Pt.Cldy	SE	20.8	SE	35
12.	14	- 2	6	28.94	28.79	Cloudy	S	23.3	S	35
13.	- 2	-25	-14	28.89	29.08	Clear	SW	12.5	S	30
14.	- 9	-30	-20	29.21	29.24	Pt.Cldy	E	9.0	E	17
15.	- 1	-25	-13	29.14	29.11	Pt.Cldy	E	13.4	E	24
16.	-11	-26	-18	29.13	29.21	Cloudy	W	7.8	W	14
17.	-18	-32	-25	29.40	29.50	Pt.Cldy	S	5.6	E	16
18.	-10	-20	-15	29.49	29.54	Pt.Cldy	E	24.5	E	30
19.	- 7	-22	-14	29.55	29.46	Pt.Cldy	E	21.8	E	30
20.	0	-34	-17	29.25	29.19	Pt.Cldy	SW	17.0	E	30
21.	-20	-42	-31	29.18	29.05	Pt.Cldy	W	7.5	W	18
22.	-37	-48	-42	29.10	29.12	Clear	W	7.7	SW	12
23.	-24	-51	-38	29.28	29.36	Cloudy	E	15.8	E	31
24.	4	-34	-15	29.22	29.31	Cloudy	W	20.1	E	35
25.	-24	-40	-32	29.64	29.66	Pt.Cldy	SW	11.2	SW	30
26.	8	-36	-14	29.38	29.26	Cloudy	E	18.6	E	30
27.	-36	-52	-44	29.25	29.26	Clear	W	5.1	W	12
28.	-35	-55	-45	29.27	29.27	Pt.Cldy	SE	3.2	E	17
29.	4	-46	-21	29.36	29.44	Pt.Cldy	S	4.2	E	18
30.	-10	-42	-26	29.34	29.32	Cloudy	E	17.5	E	34
31.	-21	-37	-29	29.33	29.38	Cloudy	S	5.9	E	28

Means -2.3 -26.8 -15.0 29.226 29.218 Highest NE 25.5 NE 42

Prevailing wind directions for month is east; average hourly velocity 13.8 miles per hour.

Snow: 2, 3, 5, 6, 7, 8, 9, 12, 15, 21, 25, 26.

Very light mist, perhaps mixed with a little fine snow occurred during afternoon and night of March 8; one-quarter inch of clear ice was observed on windward side of objects at 8 p. m.

Clear ice 3/4-inch thick observed on radio towers and wind instrument support on March 9.

Light drift: 2, 3, 4, 6, 12, 18, 19, 20, 24, 25, 26, 30.

Moderate drift: 7, 8, 9, 23.

Heavy drift: 11.

Fog: 8, 17.

Solar Halo: 1, 2, 11, 13, 30.

Lunar: 30, 31

Parhelia: 5, 8.

APRIL, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	- 4	-29	-16	29.28	29.08	Cloudy	E	25.1	E	38
2.	3	-37	-17	29.01	29.08	Pt.Cldy	E	13.4	E	35
3.	23	-19	2	28.31	28.17	Cloudy	E	29.7	E	46
4.	17	- 6	6	28.32	28.82	Cloudy	NE	24.5	NE	36
5.	5	- 9	- 2	29.20	29.06	Cloudy	E	18.0	E	28
6.	2	-12	- 5	29.05	29.04	Cloudy	E	16.0	E	22
7.	2	- 6	- 2	28.99	28.91	Cloudy	E	24.9	E	32
8.	- 4	-18	-11	28.94	29.02	Cloudy	E	19.1	E	28
9.	- 8	-22	-15	29.12	29.52	Cloudy	E	7.7	E	15
10.	- 8	-19	-14	29.21	29.18	Cloudy	SE	4.6	E	13
11.	-12	-27	-20	29.08	28.96	Cloudy	S	8.4	E	22
12.	-17	-38	-18	28.94	28.98	Pt.Cldy	S	5.9	E	24
13.	-22	-45	-34	29.07	29.07	Pt.Cldy	S	5.5	SE	18
14.	-25	-40	-32	29.09	29.08	Clear	E	9.8	E	22
15.	-15	-31	-23	28.95	28.85	Pt.Cldy	SE	20.2	SE	40
16.	-15	-29	-22	28.82	28.97	Cloudy	SE	11.3	SE	25
17.	-27	-47	-37	29.07	29.12	Clear	S	3.4	SW	7
18.	-46	-53	-50	29.14	29.14	Clear	SW	3.9	SW	7
19.	-14	-53	-34	29.16	29.20	Cloudy	S	7.1	E	17
20.	- 1	-12	- 6	29.25	29.29	Cloudy	S	7.7	E	25
21.	-11	-24	-18	29.22	29.16	Cloudy	S	5.4	S	10
22.	-19	-38	-28	29.10	29.11	Cloudy	S	5.7	S	11
23.	6	-23	- 8	28.94	28.63	Cloudy	E	25.0	E	40
24.	6	0	3	28.64	28.71	Cloudy	E	17.7	E	30
25.	2	-10	- 4	28.89	28.92	Cloudy	N	16.9	N	27
26.	- 8	-28	-18	28.91	28.91	Cloudy	E	16.9	E	26
27.	- 9	-32	-20	28.81	28.67	Cloudy	S	8.1	E	24
28.	4	-18	- 7	28.79	29.02	Cloudy	E	14.8	E	22
29.	0	-19	-10	29.16	29.10	Cloudy	E	22.9	SE	40
30.	2	-39	-18	29.07	29.00	Clear	S	16.3	E	39
31.										

Means -6.4 -26.1 -16.2 28.985 28.992 Highest E 29.7 E 46

Prevailing wind direction for month is east; average hourly velocity 13.9 miles per hour.

Snow: 1,2,3,4,6,7,11,20,21,22,23,24,25,26,27,28.

Light drift: 1,2, 4,5,6,7,8,11,15,16,20,23,24,25,26,27,28,29.

Moderate drift: 3.

Fog: 2, 3, 4, 14, 16.

Solar Halo: 1

Lunar Halo: 29

Lunar corona: 26

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MAY, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	-23	-43	-33	28.95	28.78	Pt.Cldy	S	7.9	SW	17
2.	-31	-49	-40	28.83	28.84	Pt.Cldy	E	9.6	E	24
3.	-23	-44	-34	29.07	29.42	Cloudy	SW	8.5	E	22
4.	-27	-48	-38	29.49	29.42	Clear	S	3.9	SE	16
5.	-37	-45	-41	29.53	29.56	Clear	S	2.6	E	10
6.	-26	-42	-34	29.46	29.33	Clear	SE	16.4	E	34
7.	-23	-37	-30	29.22	29.09	Clear	E	18.4	E	31
8.	-34	-45	-40	29.04	29.04	Clear	SW	6.5	SE	16
9.	-32	-47	-40	28.98	29.38	Clear	S	9.3	S	24
10.	-25	-53	-39	29.02	29.07	Clear	S	5.6	NE	15
11.	- 4	-25	-14	29.04	29.09	Cloudy	E	12.9	E	21
12.	- 5	-29	-17	29.00	28.81	Clear	E	12.8	E	28
13.	- 1	-23	-12	28.54	28.40	Clear	SE	17.1	E	38
14.	2	-25	-12	28.42	28.49	Cloudy	S	18.1	E	48
15.	-24	-37	-30	28.51	28.64	Pt.Cldy	S	4.5	S	11
16.	-12	-24	-18	28.85	29.02	Cloudy	E	7.0	E	13
17.	- 7	-13	-10	29.21	29.36	Cloudy	E	5.1	E	11
18.	-11	-44	-28	29.43	29.35	Pt.Cldy	SW	4.7	S	12
19.	-44	-56	-50	29.26	29.08	Clear	SW	5.9	SW	15
20.	-51	-62	-56	29.16	29.44	Clear	SW	4.2	SW	14
21.	-14	-56	-35	29.48	29.28	Clear	E	12.5	E	33
22.	17	-14	2	28.74	28.96	Cloudy	NE	34.8	SE	48
23.	9	-13	- 2	29.43	29.45	Cloudy	N	16.0	E	32
24.	25	9	17	29.30	29.38	Cloudy	SE	18.9	E	32
25.	21	- 3	9	29.26	29.27	Pt.Cldy	E	10.8	E	24
26.	13	3	8	29.08	28.98	Cloudy	E	14.8	E	20
27.	14	1	8	28.90	28.81	Cloudy	S	8.0	SE	18
28.	7	- 8	0	28.72	28.78	Cloudy	E	11.2	E	22
29.	6	-11	- 2	28.85	29.03	Pt.Cldy	E	12.9	E	20
30.	20	3	12	29.05	29.04	Cloudy	SE	18.2	NE	27
31.	17	0	8	29.14	29.08	Cloudy	E	14.2	NE	27

Means -10.0 -28.4 -19.2 29.065 29.086 Highest E 34.8 SE 48

Snow: 2,3,11,12,13,14,15,16,17,20,22,24,26,27,30,31.

Light drift: 2,3,6,7,11,12,13,21,23,24,26.

Moderate drift: 22.

Fog: 9, 15, 16.

Lunar Corona: 1, 2.

Lunar Halo: 1, 4, 5, 25.

Paraselenae (Moon dogs): 4.

Prevailing wind direction for month is east; average hourly velocity 11.4 miles per hour.

JUNE, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	14	4	9	28.86	28.74	Cloudy	SE	14.4	SE	24
2.	14	-13	0	29.11	29.18	Pt.Cldy	N	17.0	SE	24
3.	24	14	19	29.11	29.00	Cloudy	E	21.4	SE	30
4.	25	14	20	29.03	29.33	Cloudy	E	21.2	SE	30
5.	24	-1	12	29.45	29.26	Pt.Cldy	E	13.2	E	30
6.	0	-20	-10	29.24	29.03	Clear	SW	13.9	SW	35
7.	-19	-37	-28	28.95	28.38	Clear	SW	9.0	SW	30
8.	7	-33	-13	28.85	28.76	Cloudy	E	12.0	E	26
9.	3	-10	-4	28.75	28.96	Cloudy	E	11.5	E	21
10.	15	-11	2	29.05	28.89	Cloudy	E	19.4	SE	32
11.	10	-18	-4	28.95	29.39	Pt.Cldy	E	10.5	SE	25
12.	-18	-28	-23	29.31	29.16	Clear	SW	5.3	S	11
13.	-15	-34	-24	29.13	28.82	Pt.Cldy	SW	8.4	S	22
14.	21	-16	-2	28.60	28.47	Cloudy	E	14.8	E	28
15.	18	-6	6	28.39	28.40	Pt.Cldy	E	12.5	E	22
16.	13	-3	5	28.44	28.53	Cloudy	NE	15.8	N	25
17.	-3	-31	-17	28.66	28.67	Pt.Cldy	NE	12.9	N	26
18.	-27	-35	-31	28.75	28.78	Clear	SW	6.0	SW	15
19.	-8	-39	-24	28.69	28.70	Cloudy	SE	8.2	E	20
20.	-4	-20	-12	28.75	28.71	Cloudy	SE	7.7	E	18
21.	-14	-37	-26	28.63	28.61	Clear	SW	3.0	SW	7
22.	-30	-33	-34	28.54	28.51	Pt.Cldy	SW	2.9	E	13
23.	-10	-30	-20	28.74	28.53	Pt.Cldy	E	9.9	SW	20
24.	-12	-35	-24	28.46	28.63	Cloudy	E	17.1	E	30
25.	-10	-22	-16	28.96	29.07	Cloudy	E	18.0	SE	25
26.	-15	-26	-20	28.97	29.15	Cloudy	SE	9.6	E	24
27.	-26	-42	-34	29.22	29.29	Pt.Cldy	S	4.2	E	9
28.	-41	-53	-47	29.54	29.65	Clear	SW	4.9	SW	13
29.	-43	-51	-47	29.51	29.62	Clear	SW	5.0	SW	16
30.	-31	-49	-40	29.65	29.62	Clear	SW	8.7	SW	16
31.										

Means -4.6 -23.5 -14.0 28.944 28.954 Highest E 21.4 SW 35

Prevailing wind direction for month is east; average hourly velocity 11.3 miles per hour.

Snow: 1,4,8,9,10,11,13,14,16,17,18,19,20.

Light Drift: 1,3,4,8,9,10,11,13,14,16,19,23,24.

Fog: 18,23.

Lunar Halo: 2, 23, 26, 30.

Paraselenae: 2.

Lunar Corona: 23, 26, 27.

Thin ice coating formed on objects on 4th.

JULY, 1934

Date	Temperature			Barometer		Char- acter of day	Wind		Wind	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Daily Aver- age	Dir.	Daily Max.	Dir. Vel.
1.	-35	-49	-42	29.42	29.25	Pt.Cldy	E	8.5	E	18
2.	-44	-61	-52	29.17	28.95	Clear	S	5.0	S	15
3.	-43	-59	-51	28.94	29.02	Clear	SW	2.2	SW	8
4.	-13	-43	-28	29.02	29.07	Clear	E	11.7	E	27
5.	-11	-28	-20	29.06	29.10	Cloudy	E	10.1	E	19
6.	-24	-53	-36	29.13	29.16	Clear	W	4.2	SW	9
7.	-47	-54	-50	29.17	29.40	Clear	W	4.0	W	10
8.	-34	-59	-46	29.46	29.35	Pt.Cldy	SW	5.5	E	17
9.	-16	-40	-28	29.07	29.02	Pt.Cldy	SW	8.6	SE	16
10.	-36	-48	-42	29.08	29.24	Pt.Cldy	SW	13.5	SW	22
11.	-45	-54	-50	29.42	29.35	Clear	W	7.9	SW	19
12.	-47	-54	-50	29.14	29.16	Clear	SW	9.0	SW	17
13.	-52	-63	-58	29.26	29.32	Clear	W	6.2	SW	15
14.	-18	-61	-40	28.10	28.89	Clear	E	14.9	SE	40
15.	-17	-40	-28	28.87	28.53	Cloudy	S	10.2	SE	24
16.	-33	-41	-37	28.31	28.30	Pt.Cldy	SW	11.8	SW	17
17.	-18	-55	-36	28.53	28.56	Clear	SE	10.1	E	24
18.	-30	-59	-44	28.68	28.68	Clear	W	5.7	SE	18
19.	-16	-53	-34	28.72	28.77	Pt.Cldy	W	11.4	N	26
20.	-14	-52	-33	28.85	28.94	Pt.Cldy	W	8.8	W	34
21.	-40	-71	-56	29.24	29.58	Cloudy	SW	6.1	SW	11
22.	-24	-65	-44	29.43	29.31	Cloudy	SE	34.0	SE	60
23.	-32	-60	-46	29.67	29.93	Clear	S	6.7	SE	22
24.	-6	-39	-22	29.72	29.42	Cloudy	SE	36.4	SE	58
25.	1	-12	-6	29.37	29.34	Cloudy	SE	17.3	SE	34
26.	15	1	8	29.20	29.13	Cloudy	SE	19.3	SE	27
27.	23	1	12	29.08	29.12	Cloudy	SE	9.9	SE	19
28.	1	-43	-21	29.12	29.10	Clear	SW	6.8	SW	15
29.	-40	-56	-48	29.00	28.83	Clear	SW	3.4	W	8
30.	-50	-58	-54	28.68	28.58	Clear	SW	6.0	SW	11
31.	-32	-60	-46	28.56	28.53	Pt.Cldy	S	3.1	SW	6
Means	-25.1	-48.0	-36.6	29.080	29.063	Highest	SE	36.4	SE	60

Prevailing wind direction for month is southwest; average hourly velocity 10.3 miles per hour.

Snow: 1, 4, 5, 8, 9, 10, 15, 16, 17, 19, 20, 24, 25, 26, 27.

Light drift: 1, 4, 8, 12, 17, 19, 25, 26, 27.

Moderate drift: 14, 24.

Heavy drift: 22.

Fog: 1, 2, 12, 14, 30.

Lunar Halo: 19.

A light mist fell on the 27th, causing a formation of ice upon exposed objects.

The most severe blizzard of the year occurred on the 22nd.

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AUGUST, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	-28	-43	-36	28.36	28.15	Pt.Cldy	W	7.9	SW	16
2.	0	-36	-18	28.33	28.40	Cloudy	E	9.8	E	20
3.	-1	-30	-16	28.75	28.88	Pt.Cldy	E	5.6	E	14
4.	-13	-30	-22	28.79	28.74	Pt.Cldy	SW	4.6	S	16
5.	-2	-24	-13	28.87	28.96	Pt.Cldy	E	17.7	E	24
6.	-23	-42	-32	28.97	28.86	Pt.Cldy	SW	7.7	E	24
7.	-42	-58	-50	28.74	28.73	Clear	S	2.5	SW	7
8.	-27	-59	-43	28.81	28.92	Pt.Cldy	E	6.8	E	13
9.	-9	-29	-19	28.92	28.97	Pt.Cldy	S	6.2	SE	17
10.	-20	-39	-30	28.94	28.86	Pt.Cldy	W	2.8	SE	12
11.	-14	-46	-30	28.74	28.50	Clear	SW	10.0	SW	26
12.	-40	-53	-49	28.53	28.45	Pt.Cldy	W	5.8	SW	12
13.	-35	-53	-44	28.44	28.65	Clear	W	8.9	SW	23
14.	-20	-43	-32	28.82	28.99	Pt.Cldy	NW	7.1	W	15
15.	-11	-38	-24	29.18	28.98	Cloudy	S	12.4	S	40
16.	-4	-13	-8	28.59	28.32	Cloudy	S	23.2	S	42
17.	-7	-47	-27	28.45	28.61	Pt.Cldy	W	11.0	SW	17
18.	-24	-55	-40	28.74	28.84	Clear	W	5.3	N	15
19.0	-24	-50	-37	28.74	28.45	Pt.Cldy	E	11.0	E	22
20.	-49	-62	-56	28.35	28.41	Clear	SW	3.5	SW	14
21.	-59	-71	-65	28.55	28.75	Clear	W	2.2	W	6
22.	-43	-63	-53	28.87	28.85	Clear	E	7.6	E	17
23.	-43	-65	-54	28.74	28.70	Pt.Cldy	S	1.8	SW	7
24.	-54	-65	-60	28.72	28.77	Pt.Cldy	SW	4.5	E	15
25.	-46	-62	-54	28.72	28.52	Pt.Cldy	SW	4.8	SW	12
26.	-28	-60	-44	28.36	28.21	Pt.Cldy	SW	9.4	SW	18
27.	-20	-68	-44	27.93	28.24	Clear	W	8.1	E	32
28.	-16	-43	-30	28.77	29.10	Pt.Cldy	E	24.5	E	44
29.	-39	-51	-45	29.17	29.20	Pt.Cldy	SE	4.5	E	12
30.	-51	-71	-61	29.08	28.98	Clear	S	1.0	S	4
31.	-44	-71	-58	28.82	28.76	Clear	S	8.5	W	20

Means -27.0 -49.7 -38.4 28.704 28.698 Highest E 24.5 E 44

Prevailing wind direction for month is west; average hourly velocity 3.0 miles per hour.

Snow: 1, 2, 8, 9, 13, 14, 15, 16, 23, 25, 26, 28, 29.

Light drift: 2, 5, 11, 15, 16, 19, 27, 28.

Fog: 1, 2, 8, 31.

Lunar Halo: 23.

SEPTEMBER, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	-29	-50	-40	28.65	28.56	Cloudy	S	8.0	W	14
2.	-5	-44	-24	28.41	28.27	Pt.Cldy	E	12.8	E	25
3.	-12	-42	-27	28.02	27.97	Clear	S	11.6	S	33
4.	2	-45	-22	28.10	28.34	Cloudy	N	13.4	N	40
5.	-3	-24	-14	29.59	28.80	Cloudy	E	12.7	NE	34
6.	-20	-49	-34	28.98	28.96	Pt.Cldy	W	4.4	W	11
7.	-36	-61	-48	28.94	28.92	Clear	W	5.0	W	13
8.	-55	-64	-60	28.82	28.95	Clear	W	2.5	NW	8
9.	-13	-65	-39	28.80	28.50	Cloudy	S	13.4	S	28
10.	-34	-62	-48	28.32	29.15	Pt.Cldy	SW	12.4	S	30
11.	-38	-61	-50	29.18	29.12	Pt.Cldy	E	9.0	E	20
12.	-48	-59	-54	29.11	29.05	Clear	S	5.2	S	13
13.	-58	-66	-62	28.80	28.64	Clear	S	2.8	S	6
14.	-43	-67	-55	28.53	28.60	Clear	S	7.1	E	22
15.	-14	-43	-28	28.75	29.01	Pt.Cldy	E	21.9	E	28
16.	-21	-56	-38	29.19	29.04	Clear	E	11.2	E	28
17.	-54	-66	-60	28.68	28.74	Clear	W	4.9	W	11
18.	-37	-63	-50	28.84	28.83	Clear	E	6.8	E	18
19.	-25	-40	-38	28.80	28.83	Cloudy	E	18.2	E	40
20.	-9	-26	-18	28.70	28.85	Cloudy	E	35.1	E	46
21.	10	-22	-6	28.99	29.34	Cloudy	E	21.9	E	34
22.	-9	-27	-18	29.56	29.45	Clear	E	4.3	S	10
23.	6	-9	-2	29.00	28.68	Cloudy	E	9.0	N	15
24.	1	-48	-24	28.70	28.97	Cloudy	SW	6.9	SW	14
25.	-18	-51	-34	28.92	28.79	Cloudy	SW	7.5	SW	21
26.	-21	-38	-30	28.71	28.84	Pt.Cldy	SW	13.8	SW	23
27.	-2	-40	-21	28.96	29.11	Pt.Cldy	SW	9.4	SW	19
28.	-4	-34	-19	28.98	29.02	Pt.Cldy	SW	10.9	NW	24
29.	-25	-50	-38	29.01	29.10	Pt.Cldy	W	4.8	SW	13
30.	8	-47	-20	29.02	28.85	Cloudy	N	14.1	N	24
31.										

Means -20.2 -47.3 -33.8 28.852 28.842 Highest E 35.1 E 46

Prevailing wind direction for month is east; average hourly velocity 10.8 miles per hour.

Snow: 4, 5, 21, 23, 24, 25, 29, 30.

Light drift: 2, 4, 9, 10, 14, 15, 16, 18, , 21, 26, 30.

Moderate drift: 19.

Heavy drift: 20.

Fog: 22, 23.

Solar Halo: 4, 23.

Parhelia (Sundogs): 4.

Lunar Corona: 18.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

OCTOBER, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	-28	-45	-36	29.00	29.11	Clear	S	9.8	SW	24
2.	-32	-43	-38	29.08	29.06	Clear	S	4.0	E	14
3.	-16	-42	-29	28.94	28.78	Cloudy	E	10.0	E	24
4.	3	-17	-7	28.56	28.35	Cloudy	E	19.9	E	25
5.	17	-6	6	28.25	27.80	Cloudy	E	20.2	E	33
6.	13	-23	-5	27.98	28.54	Cloudy	W	9.7	SW	23
7.	3	-9	-3	28.78	28.89	Cloudy	NE	17.5	E	30
8.	12	-3	4	28.49	28.45	Cloudy	N	34.5	E	48
9.	7	-4	2	28.58	28.67	Cloudy	N	11.5	N	22
10.	8	-2	3	28.81	28.80	Cloudy	E	12.2	E	22
11.	8	-15	-4	28.63	28.57	Cloudy	E	15.4	E	27
12.	-9	-27	-18	28.55	28.50	Pt.Cldy	S	2.9	N	14
13.	-1	-30	-16	28.40	28.41	Cloudy	E	10.6	E	22
14.	5	-2	2	28.48	28.43	Cloudy	E	10.0	N	15
15.	4	-4	0	28.43	28.46	Cloudy	E	5.9	E	14
16.	4	-11	-4	28.52	28.58	Cloudy	N	9.9	NW	17
17.	-5	-19	-12	28.60	28.59	Cloudy	E	13.9	E	19
18.	-9	-40	-24	28.65	28.78	Pt.Cldy	E	7.9	E	18
19.	-15	-42	-28	28.92	28.91	Pt.Cldy	E	5.2	E	17
20.	-12	-32	-22	28.66	28.39	Pt.Cldy	SE	19.2	E	36
21.	-24	-34	-29	28.18	28.32	Cloudy	SW	20.8	SW	27
22.	-16	-33	-24	28.55	28.90	Clear	W	15.7	SW	25
23.	-21	-38	-30	28.90	28.88	Cloudy	E	6.8	E	17
24.	-5	-21	-13	28.77	28.64	Cloudy	E	14.3	E	18
25.	-6	-33	-20	28.62	28.67	Pt.Cldy	SW	6.8	E	14
26.	-22	-37	-30	28.75	28.82	Clear	SW	6.2	SW	13
27.	-27	-42	-34	29.03	29.28	Clear	SW	6.2	W	16
28.	-3	-38	-20	29.07	28.58	Cloudy	E	13.9	SE	50
29.	1	-30	-14	28.64	28.79	Pt.Cldy	S	17.7	S	27
30.	-14	-30	-22	28.83	28.76	Clear	E	5.5	E	13
31.	-6	-33	-20	28.57	28.52	Cloudy	SE	12.0	E	26
Means	-6.0	-25.3	-15.6	28.007	28.007	Highest	N	34.5	SE	50

Prevailing wind direction for month is east; average hourly velocity 12.8 miles per hour.

Snow: 4, 5, 6, 9, 10, 11, 13, 16, 18, 24, 25.

Light drift: 1, 3, 4, 5, 7, 9, 10, 11, 13, 17, 29, 31.

Moderate drift: 20, 21.

Heavy drift: 8, 28.

Fog: 9, 13, 14, 15, 17, 18, 24.

Solar Halo: 6, 7, 13, 20, 21, 22, 23, 25, 29.

Parhelia (Sundogs): 6, 12, 26.

1917		1918		1919		1920		1921		1922		1923		1924		1925		1926		1927		1928		1929		1930		1931		1932		1933		1934		1935		1936		1937		1938		1939		1940		1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370	
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NOVEMBER, 1934

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	-18	-34	-26	28.65	28.53	Pt.Cldy	S	6.6	S	13
2.	-11	-35	-23	28.67	28.77	Pt.Cldy	E	7.2	E	16
3.	3	-11	-4	28.84	28.88	Cloudy	E	19.8	E	24
4.	-1	-9	-5	28.86	28.83	Cloudy	E	16.2	E	24
5.	11	-8	2	28.82	28.86	Cloudy	S	5.2	S	12
6.	-5	-30	-18	28.91	28.92	Cloudy	S	4.4	SW	10
7.	-13	-32	-22	28.88	28.76	Cloudy	S	4.2	S	10
8.	-10	-19	-14	28.71	28.76	Cloudy	S	5.5	S	10
9.	4	-18	-7	28.99	29.06	Cloudy	W	5.3	W	13
10.	-4	-20	-12	28.97	28.84	Pt.Cldy	SW	11.0	SW	19
11.	-9	-24	-16	28.57	28.50	Clear	SW	13.4	SW	20
12.	5	-19	-7	28.38	28.26	Pt.Cldy	NE	5.3	S	17
13.	12	2	7	28.22	28.31	Cloudy	S	7.2	E	18
14.	11	-6	2	28.64	28.74	Pt.Cldy	S	10.3	E	23
15.	-2	-20	-11	28.71	28.58	Clear	S	6.9	S	17
16.	-6	-21	-14	28.44	28.36	Clear	S	8.4	SW	18
17.	2	-23	-10	28.44	28.56	Pt.Cldy	E	9.2	E	21
18.	3	-11	-4	28.64	28.52	Clear	SW	6.7	S	12
19.	9	-14	-2	28.53	28.56	Pt.Cldy	E	6.0	NE	13
20.	10	0	5	28.77	28.97	Cloudy	E	16.8	E	26
21.	8	-9	0	29.02	28.93	Clear	#	14.2	E	24
22.	9	-11	-1	28.82	28.72	Pt.Cldy	S	6.0	S	18
23.	6	-8	-1	28.73	28.73	Clear	S	5.8	SW	12
24.	12	-10	1	28.53	28.56	Clear	W	5.7	N	14
25.	22	9	16	28.62	28.84	Cloudy	NW	18.8	N	34
26.	21	15	18	28.98	29.01	Cloudy	N	20.4	N	30
27.	23	12	18	29.07	29.01	Cloudy	N	12.4	E	20
28.	14	8	11	28.92	28.90	Cloudy	E	21.6	E	32
29.	14	6	10	28.95	28.91	Cloudy	SE	14.6	E	32
30.	17	7	12	28.86	28.83	Cloudy	SE	19.1	E	28
31.										

Means 4.6 -11.1 -3.2 28.774 28.736 Highest E 21.6 N 34

Prevailing wind direction for month is south; average hourly velocity 10.5 miles per hour.

Snow: 2, 3, 4, 5, 6, 9, 12, 24, 25, 26, 27, 28

Light drift: 3, 4, 14, 26, 27, 28, 29, 30

Moderate drift: 20, 21, 25

Fog: 3, 4, 5, 6, 7, 8

Solar Halo: 10, 17, 28

Parhelia (Sundogs): 10

Solar Corona: 12

DECEMBER, 1934

Date	Temperature			Barometer		Char- acter of day	Wind		Wind	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Daily Aver- age	Dir.	Daily Max.	Dir. Vel.
1.	26	6	16	28.86	29.00	Cloudy	E	13.5	N	22
2.	21	3	12	29.07	29.05	Cloudy	E	6.7	E	12
3.	16	6	11	29.03	28.98	Cloudy	SW	5.9	S	10
4.	19	4	12	28.97	29.00	Cloudy	E	6.2	SE	9
5.	20	6	13	29.12	29.21	Cloudy	S	5.9	S	13
6.	21	3	12	29.29	29.35	Cloudy	E	4.1	E	13
7.	15	4	10	29.40	29.34	Clear	S	10.8	S	21
8.	14	1	8	29.23	29.24	Clear	S	5.5	E	13
9.	15	- 1	7	29.10	29.13	Clear	S	4.4	E	12
10.	18	6	12	29.15	29.18	Cloudy	E	11.2	E	18
11.	25	4	14	29.20	29.22	Clear	S	5.2	S	16
12.	22	5	14	29.27	29.29	Cloudy	S	2.2	S	5
13.	24	9	16	29.34	29.35	Clear	E	3.2	E	9
14.	21	6	14	29.36	29.30	Pt.Cldy	S	7.8	S	14
15.	12	0	6	29.26	29.27	Clear	S	4.5	S	10
16.	25	- 1	12	29.33	29.41	Pt.Cldy	W	4.5	NE	10
17.	33	16	27	29.40	29.32	Cloudy	W	2.0	E	5
18.	28	16	22	29.22	29.21	Cloudy	N	5.8	NE	10
19.	27	13	22	29.24	29.21	Cloudy	NE	13.0	E	20
20.	29	13	21	29.22	29.24	Cloudy	N	7.4	W	15
21.	27	9	18	29.14	28.95	Cloudy	E	17.2	E	25
22.	37	24	30	28.79	28.84	Cloudy	NE	11.2	SE	25
23.	26	12	19	29.22	29.33	Clear	SW	14.0	SW	26
24.	25	11	18	28.99	28.94	Pt.Cldy	S	9.6	S	18
25.	29	12	20	28.79	28.73	Cloudy	E	6.2	E	14
26.	24	15	20	28.82	28.90	Cloudy	E	19.4	E	29
27.	23	13	18	28.85	28.82	Clear	E	7.8	E	15
28.	24	13	18	28.89	29.00	Clear	E	11.8	#	21
29.	34	14	24	29.04	29.00	Clear	S	6.3	E	15
30.	30	14	22	29.06	29.08	Clear	NE	10.2	E	20
31.	30	12	21	28.93	28.90	Clear	S	14.1	SE	13

Means 24.0 8.8 16.4 29.119 29.122 Highest E 19.4 E 29

Prevailing wind direction for month is east; average hourly velocity 3.0 miles per hour.

Snow: 1, 3, 4, 5, 6, 9, 10, 14, 15, 17, 18, 19, 20, 21, 22, 26.

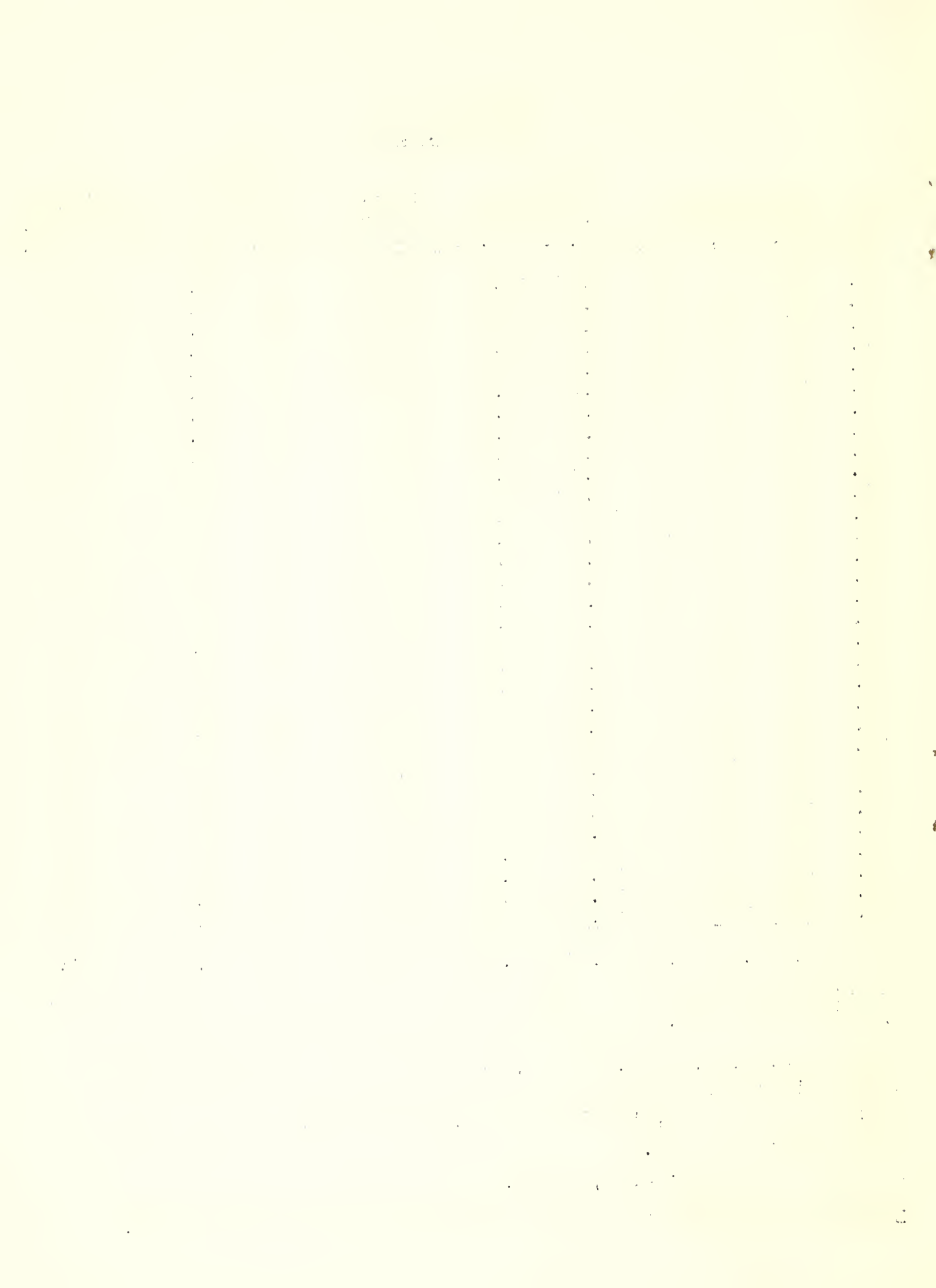
Light drift: 21, 26.

Fog: 3, 4, 6, 9, 10, 14, 15, 16, 19, 21, 22, 26.

Solar Halo: 3, 8, 24.

Parhelia (Sundogs): 3, 5, 8, 24.

Mayer of clear hard ice formed on exposed objects on the 26th.



JANUARY, 1935

Date	Temperature			Barometer Sea Level		Char- acter of day	Wind Daily Aver- age		Wind Daily Max.	
	Max.	Min.	Mean	8 a.m.	8 p.m.		Dir.	Vel.	Dir.	Vel.
1.	28	12	20	29.91	29.15	Clear	E	9.5	E	22
2.	33	18	26	29.51	29.74	Pt.Cldy	NE	12.7	N	24
3.	29	17	23	29.83	29.68	Pt.Cldy	SE	16.6	SE	26
4.	29	17	23	29.53	29.49	Cloudy	SE	13.2	SE	24
5.	28	15	22	29.58	29.67	Clear	S	8.9	S	16
6.	23	14	18	29.66	29.64	Clear	S	15.0	S	25
7.	23	17	20	29.72	29.75	Cloudy	S	14.9	S	21
8.	22	15	18	29.77	29.62	Cloudy	S	15.5	SW	25
9.	24	12	18	29.46	29.49	Clear	S	10.6	SW	18
10.	29	16	22	29.58	29.64	Cloudy	W	5.7	NE	11
11.	31	21	26	29.68	29.64	Pt.Cldy	S	7.1	E	15
12.	27	14	20	29.62	29.57	Cloudy	E	11.2	E	22
13.	27	14	20	29.50	29.39	Cloudy	S	9.9	S	16
14.	24	18	21	29.38	29.44	Cloudy	E	6.0	SE	12
15.	28	20	24	29.51	29.49	Cloudy	S	6.2	SW	13
16.	24	16	20	29.77	29.31	Cloudy	SW	8.4	W	15
17.	28	18	23	29.55	29.34	Cloudy	S	5.9	S	18
18.	23	18	22	29.55	29.33	Cloudy	S	5.2	E	12
19.	31	18	24	29.33	29.44	Cloudy	E	12.5	E	20
20.	25	21	23	29.53	29.63	Pt.Cldy	E	12.7	E	22
21.	27	12	20	29.76	29.38	Pt.Cldy	SW	4.2	SW	9
22.	30	14	22	29.97	29.94	Cloudy	NW	7.0	S	15
23.	31	26	28	29.73	29.57	Cloudy	N	14.0	N	23
24.	32	25	28	29.43	29.47	Cloudy	NW	11.8	NW	19
25.	28	24	26	29.49	29.36	Cloudy	E	15.2	E	26
26.	32	24	28	29.18	29.21	Cloudy	N	21.7	E	30
27.	32	30	31	29.34	29.42	Cloudy	N	16.1	N	26
28.	32	29	30	29.42	29.34	Cloudy	E	11.7	E	20
29.	32	30	31	29.30	29.29	Cloudy	NE	14.7	NE	21
30.	31	21	26	29.20	29.08	Cloudy	NE	8.5	NE	19
31.	32	23	28	29.03	29.10	Cloudy	N	6.6	N	11

Means 28.2 19.0 23.6 29.483 29.480 Highest N 21.7 E 30

Prevailing wind direction for month is south; average hourly velocity 10.9 miles per hour.

Snow: 2, 8, 11, 12, 16, 19, 23, 24, 25, 26, 27, 28, 29, 30, 31.

Light drift: 2, 26.

Fog: 8, 9, 11, 25, 26, 27.

Solar Halo: 24.

A very fine mist fell on the 15th.

A very light rain fell on the 26th causing a coating of clear ice on exposed objects.

The position of Little America as determined by E. Bramhall and K. Rawson is:

Latitude - 78°34'06" South
Longitude -163°55' 58" West

The time used in the observations is 180th meridian. All temperatures are given in degrees Fahrenheit. The mean temperature for the day is the mean of the maximum and minimum, the maximum and minimum temperatures being for the 24-hour period ending at midnight. The mean temperature for the month is the mean of the mean maximum and mean minimum. Pressures are given in inches of mercury and reduced to sea level, the height of the barometer above sea level being 30 feet. The pressures in this summary are given to hundredths of an inch. The mean monthly pressures are computed from the original readings which are recorded to thousandths of an inch.

The character of day is derived by estimating the amount of sky covered by cloud and expressed by a scale of tenths of sky covered as follows:

Cloudiness (Tenths)	
0 to 3 -----	Clear
4 to 7 -----	Partly Cloudy
8 to 10-----	Cloudy

No attempt has been made to measure snowfall because such measurements are highly impracticable in the Antarctic owing to wind and drift.

We have not used the term "blizzard" but have indicated the days on which drift occurred; the terms light, moderate, and heavy drift can be interpreted as meaning mild, moderate, and severe blizzard respectively.

Owing to the early date of this publication, a final check is impossible so that some of the figures may be subject to change later on.

The day consists of 24 hours, beginning and ending at midnight.

Little America, Antarctica.

January 31, 1935.

W. C. Haines

George Grimminger

